# ISRCS 2016
## Communication Systems

# 4th International Symposium on Resilient Communications Systems

The major purpose of this symposium is to discuss and evaluate particular concepts that will generate novel research and codify resilience in next generation communication system designs

**Statement of Themes:** Many commercial and government applications require reliable and secure communications for effective operations. These communications are often challenged in contested environments — whether from hostile states in a denial of service scenario, degraded infrastructure following a man-made or natural disaster, or finite spectrum pressure that restrict agility. The symposium will highlight how incorporation of resiliency in communications systems can support a wide range of applications given uncertainty in the communication environment.

## Submission Schedule
- Paper Submission Due: April 4, 2016
- Notification of Paper Acceptance: June 13, 2016
- Final Paper Submission: July 4, 2016

## Cost
- $495 for registration by July 15, 2016
- $595 after deadline has passed
- $50 discount for IEEE IES and HFES members
- 50% discount for current students

## Venue/Accommodations
Hilton Lisle/Naperville
3003 Corporate West Drive
Lisle, Illinois 60532
630.505.0900

## Schedule
- Day 1: Special Topics
- Day 2: Paper Sessions
- Day 3: Panel Discussions

## General Chairs
- James Sterbenz, The University of Kansas
  Send Email
- Jie Wu, Temple University
  Send Email

## Organizing Chair
- Jodi Grgich, Idaho National Laboratory
  Send Email

## Technical Program Chair
- Krishna Kant, Temple University

## Call for Papers
Paper submission will be handled through the symposium website under the Symposia menu on the Resilience Week homepage.

Please refer to this website for the latest information.
- Full Papers: limited to 6 double column pages in a font no smaller than 10-points per IEEE format guidance.
- Work-in-Progress and Industry practice: limited to 4 double column pages, in a font no smaller than 10-points per IEEE format guidance. Work-in-Progress papers comprise up to 4 double-column pages, describing research that has not yet produced the results required for a regular paper, but that due its novelty and potential impact deserves to be shared with the community at an early stage. Accepted papers and Work-in-Progress papers will be published in the conference proceedings.

## Topical Areas (including, but not limited to)
- Architectures: protocols, standards, point-to-point, distributed, networked, wireless, multi-modal, gateways, sensor networks, strategies
- Threats and Failures: jamming, interference, frame/bit errors, data loss, cyber-physical security, human error, malicious attacks, disasters, situational awareness, diagnosis
- Remediation and recovery: intrusion detection systems, intrusion tolerance, resilience metrics, resilience strategies, policy-based management, real-time remediation, machine learning and recovery strategies, future network resilience management architectures and mechanisms.
- Characterization: diversity, security, risk management, reliability, recovery, interoperability, fault tolerance, trust, latency, survivability, quality of service, disruption tolerance, complexity, adaptability laboratory, open air
- Networks and Infrastructure: cellular, VoIP, LTE, MANETS, peer-peer, 911, LMR, optical, SCADA, smart grid, backhaul
- Military applications: anti-access area denial (AA/AD), joint/coalition operations, national security, data links, SATCOM
- Civil applications: emergency and incident response, disaster preparedness, public safety, 911, assured communications, industrial internet

**www.resilienceweek.com**

## Resilience Week 2016

Idaho National Laboratory INL · IEEE · ies · TEMPLE UNIVERSITY · KU THE UNIVERSITY OF KANSAS